

PONY

سلسلة كتب الاستاذ

2024

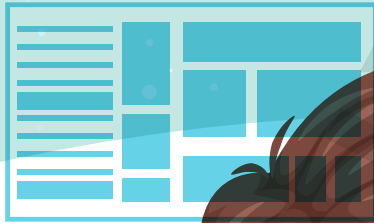
ICT

Information and  
Communication  
Technology

NOVEMBER  
REVISION

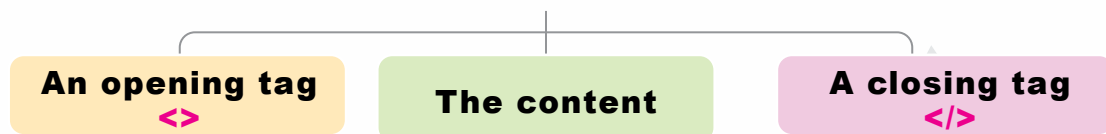
6<sup>th</sup>

Primary  
First Term



### Lesson 8

- » Hyper Text Markup Language (HTML) is the standard programming language used to create web pages (websites).
- » HTML consists of a series of elements, such as headings, paragraphs, links, and images.
- » Web browsers read HTML documents and display the content according to the HTML tag.
- » HTML tags have three main parts:



- » Some examples for HTML tags:

Element	HTML Tag
Largest Heading	<code>&lt;h1&gt; Largest heading &lt;/h1&gt;</code>
Subheading	<code>&lt;h2&gt;Subheading &lt;/h2&gt;</code>
Smallest Heading	<code>&lt;h6&gt;Smaller Subheading&lt;/h6&gt;</code>
Paragraph	<code>&lt;p&gt;This is a paragraph&lt;/p&gt;</code>
Font Size	<code>&lt;font size="1"&gt;</code>
Font Color	<code>&lt;font color="red"&gt;</code>

Hyperlink	<code>&lt;a href="https://www.ekb.eg"&gt; Visit EKB &lt;/a&gt;</code>
Italics	<code>&lt;i&gt;Italics text&lt;/i&gt;</code>
Bold	<code>&lt;strong&gt;Bold text &lt;/strong&gt;</code>
Image	<code>&lt;img src="car.jpg" alt="self-driving car"&gt;</code>

- » HTML elements **break up** web pages to make them easier to scan and read.
- » **HTML code** helps **people with low vision** to distinguish between parts of a web page.
- » **Images** and **large headings** at the top of the page catches the attention.
- » **Subheadings** make the text easy to scan and read.
- » **Text** broken up into **paragraphs** makes it easy for the reader to scan the information they want.
- » To make the images accessible, add **image** and **alt-text** tags.

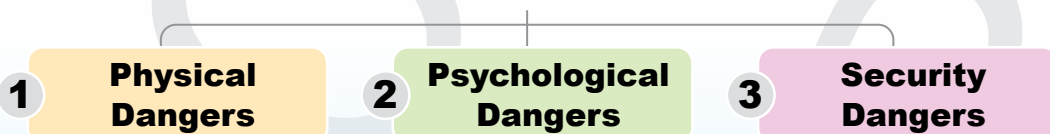


## Lesson 2

### » Electronic Games Advantages:

- 1 Promoting Critical Thinking
- 2 Promoting Creative Thinking
- 3 Encouraging Teamwork

### » Electronic Games Dangers:



## 1 Physical Dangers

- » Electronic games affect your **sleep cycle**.
- » It can cause:
  - Eye strain
  - Headaches
  - Back problems
  - Gaining weight



## 2 Psychological Dangers

- » You may become **anxious and depressed** because:
  - 1 You feel lonely in the real world.
  - 2 You are being bullied online
- » It makes some people **aggressive**, as some games promote **violence**.
- » It can prevent some players from **thinking rationally**.
- » It can **negatively** affect your relationship with your family and friends.



## 3 Security Dangers

- » Large gaming communities are filled with **cyberbullies**.
- » **Hackers** can cause your information to be leaked and **viruses** are easily spread.
- » Multiplayer games, in particular, can put your security at risk.



## Responsible Gaming

- » To limit the dangers of electronic games:
  - 1 Only play games and chat with people you know and trust.
  - 2 Respect the limits that your parents set to prevent unhealthy gaming habits.
  - 3 Don't use personal information in your usernames and passwords.
  - 4 Don't use a webcam.
  - 5 Make sure that gaming does not replace real-life activities.
  - 6 When you face dangers, tell your parents.

## Lesson 3

- » It is **irresponsible** to leave your devices at risk by not taking proper safety precautions.
- » There are many ways to protect your devices, such as:

### 1 Passwords

- » Strong passwords are at least **8** characters and consist of:
  - 1 Letters
  - 2 Numbers
  - 3 Symbols (as @, #, %)

### 2 Multi-factor Authentication (MFA)

- » It requires at least **two ways** of identifying yourself.

### 3 Fingerprint Authentication

- » It will scan your **finger**, usually the thumb to confirm it's you.

### 4 Facial Recognition

- » It will scan your face using your device's **camera** to confirm it's you.

### 5 Full Disk Encryption

- » It **scrambles** your information and is accessible only with a password on your device.

## Data Protection Law

- » In 2020, Egypt formed the **Data Protection Law** to protect its citizens.
- » Companies must report immediately if they've been victims of data theft, and let their customers know immediately as well.
- » Companies and individuals should **report** data theft immediately.
- » If you think your data has been compromised, tell your parents or a trusted adult.
- » Tell your family and friends not to open attachments or click on links from your online accounts.



